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**FAX COVER PAGE****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Francis T. McQuade                      Docket: 102276-200  
Charles L. Barto

Serial No.: 10/027,146                      Art Unit: 2829

Filed: December 20, 2001                      Examiner: J. Hollington

Assignee: Wentworth Laboratories, Inc.                      Conf. No. 3054

Title: METHOD FOR CHEMICALLY ETCHING PHOTO-DEFINED MICRO  
ELECTRICAL CONTACTS

**Certificate of Transmission by Facsimile**Date of Deposit: December 7, 2004.

I hereby certify under 37 CFR 1.8(a) that the following correspondence (along with any paper referred to as being attached or enclosed) is being transmitted via facsimile to (703) 872-9306 on the date indicated above and is addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

- (1) Fax Cover Sheet (1 page);
- (2) Amendment Transmittal Letter (3 pages); and
- (3) Response to Office Action and attachments (19 pages).

Please contact Anthony P. Gangemi at 203-498-4395 regarding problems with this transmission.

Signed: 

Name: Anthony P. Gangemi

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**AMENDMENT TRANSMITTAL LETTER**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application. The fees have been calculated as shown below:

1.                      **Small Entity Status**
- ☒                      Applicant claims small entity status.

Art Unit: 2829  
SN: 10/027,146

2. **Claim Fees**

CLAIM AMENDMENT FEE CALCULATION						
	Claims Remaining After Amendment	Minus	Highest Number Previously paid for	No. of extra claims present	Rate	Additional Fee
Total Claims	13	- 20	20	-7	\$18.00	0
Independent Claims	3	-3	3	0	\$88.00	0
Multiple Dependent Claims (if any)				0	\$290.00	0
<b>SUBTOTAL</b>						\$0.00
	REDUCTION FOR SMALL ENTITY BY 50%					
<b>TOTAL</b>						\$0.00

☒ No additional claim fees are required.

3. **Extension of Time**

☐ Applicant requests under the provisions of 37 CFR 1.136 (a) to extend the Period for filing a response in the above-identified application. The requested extension and appropriate non-small-entity fee are as follows:

Requested Extension	Fee	Small-Entity Fee
<input type="checkbox"/>	\$110.00	\$55.00
<input type="checkbox"/>	\$420.00	\$210.00
<input type="checkbox"/>	\$950.00	\$475.00
<input type="checkbox"/>	\$1480.00	\$740.00
<input type="checkbox"/>	\$2010.00	\$1005.00
Extension Fee Total		\$0.00

4. **Terminal Disclaimer**

☐ A Terminal Disclaimer is attached for which the appropriate fee is:

☐ Non Small-Entity \$110.00

☐ Small Entity \$55.00

Art Unit: 2829  
SN: 10/027,146

5. The following additional items are enclosed:

☐ Other:

6. Payment of Fees

The total of fees due under Sections 1-4, above, is \$0.00.

☒ No fees are due for this amendment.

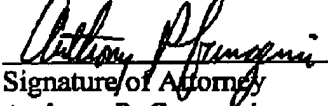
☐ A check in amount of the total of fees due is attached.

☐ Please charge \$0.00. to Deposit Account No. 23-1665. Two additional copies of this transmittal are enclosed.

☒ Please charge any additional fees or credit overpayment to Deposit Account No. 23-1665.

Date: December 7, 2004  
Reg. No. 42,565

Respectfully submitted,  
Francis T. MCQUADE, et al.

  
\_\_\_\_\_  
Signature of Attorney  
Anthony P. Gangemi  
WIGGIN and DANA LLP  
One Century Tower  
New Haven, CT 06508-1832  
Telephone: (203) 498-4395  
Facsimile: (203) 782-2889

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Art Unit: 2829  
SN: 10/027,146**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

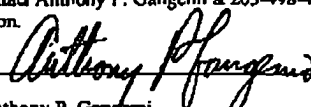
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---

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND REPLY TO OFFICE ACTION  
UNDER 37 C.F.R. 1.111**

Dear Sir:

In the matter of the above identified application for Letters Patent and in response to the Office Action dated September 8, 2004, for which a response is due on or before December 8, 2004, please enter and consider the following Amendment and Remarks:

**Amendments to the Claims** begin on page 2 of this paper; and  
**Remarks** begin on page 6 of this paper.